



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

106  
**RBW6500X01611-W142H-**

**3T-1**

**Job Sheet 172605**



Part No: RBW6500X01611-W142H-3T-1 Job Qty: 5 ea

Part Name: TBD



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 2/20/18

Job Tracking No:

Due Date: 4/16/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBW6500X01611-W142H-3T Rev 1 IPP Rev A 18.02.07 New issue DP Verify DD

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation          | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off       |
|-------|--------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|----------------|
|       |                    |       |            |          | Setup hrs | Run Hrs | Workcenter / Supplier | Lead Time |                |
| 90    | Start up Operation | 5 Ea  | 4/14/18    | 4/14/18  | 0.00      | 0.00    | Start Up Machining-3  |           |                |
| 92    | Purchasing         | 5 pcs | 4/14/18    | 4/14/18  | 0.00      | 0.00    | Purchasing            |           | At 18/06/05    |
| 94    | Packaging          | 5 pcs | 4/14/18    | 4/14/18  | 0.00      | 0.00    | Packaging2            |           | At 18/06/05    |
| 96    | QC                 | 5 pcs | 4/14/18    | 4/14/18  | 0.00      | 0.00    | QC6                   |           | 213            |
| 180   | Packaging          | 5 pcs | 4/16/18    | 4/16/18  | 0.00      | 0.00    | Packaging3-1          |           | 18-6-21        |
| 190   | QC21-SA            | 5 Ea  | 4/16/18    | 4/16/18  | 0.00      | 0.00    | QC21                  |           | 21 JUN 21 2018 |

Part Op 92 - 1- Issue P/O to Arrow Tech Machine Works P/O# 039084 2- Manufacture RBW6500X01611-W142H-3T-1  
Descriptions: as per DWG 3- Certificate of conformity is required

108

FEB 22 2018

### Job BOM

| Part / Item               | Component Name | Quantity | Operation             | Container |
|---------------------------|----------------|----------|-----------------------|-----------|
| RBW6500X01611-W142H-3T-1P | TBD            | 5 (1 ea) | 90-Start up Operation | 5078051   |

### Job Allocations

| Operation             | Component Part            | Required | Inventory | Allocated |
|-----------------------|---------------------------|----------|-----------|-----------|
| 90-Start up Operation | RBW6500X01611-W142H-3T-1P | 5        | 0         | 0         |

### Part Specifications

Specifications could not be found.

Plex 2/20/18 3:46 PM Dart.lajeunesse.marie



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL.: 1 613 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com

Container No: S078054



Part: RBW6500X01611-W142H-3T-1

Job No: 172605

Serial No/Batch: S078054

Revision: 1

Inspector:

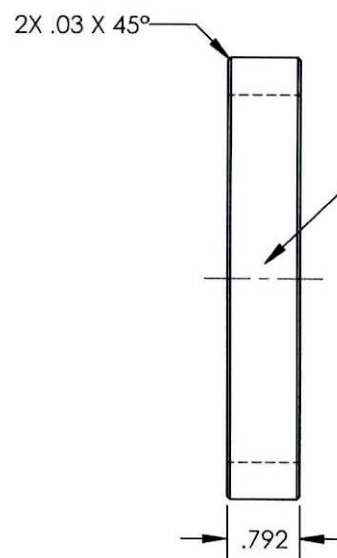
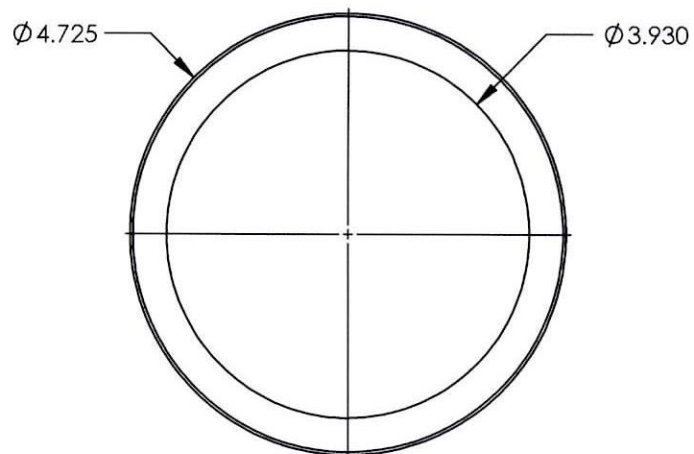
Exp Date: 06/05/2018

Instructions:

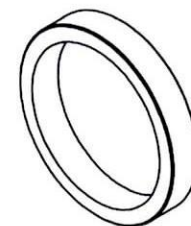
Date: 06/05/18

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

| REVISIONS |     |             |      |         |          |
|-----------|-----|-------------|------|---------|----------|
| REV       | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |



ENGRAVE T/N, S/N,  
MADE IN USA



SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 172605405  
18-02-20

(-1)

SEAL SUPPORT

|                                                        |                                     |
|--------------------------------------------------------|-------------------------------------|
| <b>DART</b><br>AEROSPACE                               |                                     |
| TITLE TGB OUTPUT OIL SEAL<br>REMOVAL AND PRESS TOOL    |                                     |
| DWG NO. RBW6500X01611-W142H-3T-1                       | REV 1                               |
| MAT'L 6061                                             | DRAWN BY: PERRITT                   |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES | APPROVED <i>D Weil</i>              |
| .XXX ± .005 FRACTIONS ± 1/8                            | HEAT TREAT                          |
| .XX ± .01 ANGLES ± .5°                                 | FINISH BLACK ANODIZE                |
| .X ± .1                                                | SPEC MIL-A-8625F, TYPE II, CLASS II |
| 1. BREAK ALL SHARP EDGES .015 x 45°<br>OR .015R        | USED ON MODEL                       |
| 2. DIMENSIONAL LIMITS APPLY AFTER<br>PLATING           | AW139                               |
| SCALE 1:2                                              | DATE                                |
| SHEET 2 OF 4                                           |                                     |





Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# **PURCHASE ORDER** **PO039084**

**Supplier:** ARR002-VU  
Arrow Tech Machine Works  
29751 E. Enid Road,  
Unit C  
Eugene, OR 97402 USA  
Phone: 541-780-6938  
Fax: 458-215-4938

**PO No:** PO039084  
**PO Date:** 2/21/18  
**Due Date:** 4/30/18  
**Purchase Order**  
**Revision:**  
**Revision Date:**  
**Ship-To Contact:** Baker, Diane

**E-MAILED**  
**MAR 06 2018**

Phone: dbaker@dartaero.com

**Ship To:**

**Pymt Terms:** Net 30

**Freight Terms:**

**Special Comments:**

| Items                      |                      |                  |         |                                                                                |        |          |                |                   |         |                  |                |
|----------------------------|----------------------|------------------|---------|--------------------------------------------------------------------------------|--------|----------|----------------|-------------------|---------|------------------|----------------|
| Line Item                  | Part                 | Supplier Part No | Item No | Description                                                                    | Status | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (USD) | Extended Price |
| 1                          | RBSC7028-PP          |                  |         | Portable Bearing Cutter<br>As Per Dwg<br>RBSC7028-P<br>Rev.6                   | Firmed | 4/6/18   | 7 pcs          | 0 pcs             | 7 pcs   | \$843.42/pcs     | \$5,903.94     |
| Line Item Note job# 172595 |                      |                  |         |                                                                                |        |          |                |                   |         |                  |                |
| 2                          | RBE703A94-3000-00-1P |                  |         | Wide Frame Assembly<br>As Per Dwg<br>RBE703A94-3000-00-1 Rev. 1                | Firmed | 3/20/18  | 3 Ea           | 0 Ea              | 3 Ea    | \$2,417.56/Ea    | \$7,252.68     |
| Line Item Note job# 172374 |                      |                  |         |                                                                                |        |          |                |                   |         |                  |                |
| 3                          | RBE703A94-3000-00-3P |                  |         | Narrow Frame Assembly<br>As Per Dwg<br>RBE703A94-3000-00-3                     | Firmed | 3/20/18  | 3 Ea           | 0 Ea              | 3 Ea    | \$2,417.56/Ea    | \$7,252.68     |
| Line Item Note job# 172375 |                      |                  |         |                                                                                |        |          |                |                   |         |                  |                |
| 4                          | RBW0805G00231-3GP    |                  |         | Adapter Assembly<br>Helicopter<br>Weighing<br>As Per Dwg<br>RBW0805G00231-3G-1 | Firmed | 4/30/18  | 9 Ea           | 0 Ea              | 9 Ea    | \$564.82/Ea      | \$5,083.38     |
| Line Item Note job# 172567 |                      |                  |         |                                                                                |        |          |                |                   |         |                  |                |
| 5                          | RBW6405G08832-3GP    |                  |         | Tail Rotor Bushing<br>Install Tool<br>As Per Dwg<br>RBW6405G08832-3G Rev/ D    | Firmed | 4/30/18  | 3 Ea           | 0 Ea              | 3 Ea    | \$809.13/Ea      | \$2,427.39     |
| Line Item Note job# 172623 |                      |                  |         |                                                                                |        |          |                |                   |         |                  |                |
| 6                          | RBW6405G08732-3GP    |                  |         | Tail Rotor Bushing<br>Removal Tool<br>RBW6405G08732-3G Rev. E                  | Firmed | 4/30/18  | 3 Ea           | 0 Ea              | 3 Ea    | \$459.38/Ea      | \$1,378.14     |
| Line Item Note job# 172622 |                      |                  |         |                                                                                |        |          |                |                   |         |                  |                |
| 7                          |                      |                  |         |                                                                                | Firmed | 4/16/18  | 5 Ea           | 0 Ea              | 5 Ea    | \$618.50/Ea      | \$3,092.50     |





Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER PO039084

| Items                      |                           |                  |         |                                                                                                                             |        |          |                |                   |         |                  |                |
|----------------------------|---------------------------|------------------|---------|-----------------------------------------------------------------------------------------------------------------------------|--------|----------|----------------|-------------------|---------|------------------|----------------|
| Line Item                  | Part                      | Supplier Part No | Item No | Description                                                                                                                 | Status | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (USD) | Extended Price |
|                            | RBW6500X01611-W142H-3T-1P |                  |         | TBD<br>As Per Dwg<br>RBW6500X01611-W142H-3T-1<br>Rev. 1                                                                     |        |          |                |                   |         |                  |                |
| Line Item Note job# 172605 |                           |                  |         |                                                                                                                             |        |          |                |                   |         |                  |                |
| 8                          | RBW6500X01611-W142H-3T-3P |                  |         | TBD<br>As Per Dwg<br>RBW6500X01611-W142H-3T-3 Rev. 1                                                                        | Firmed | 4/16/18  | 5 Ea           | 0 Ea              | 5 Ea    | \$618.50/Ea      | \$3,092.50     |
| Line Item Note job# 172597 |                           |                  |         |                                                                                                                             |        |          |                |                   |         |                  |                |
| 9                          | RBW6500X01611-W142H-3T-5P |                  |         | TBD<br>As Per Dwg<br>RBW6500X01611-W142H-3T-5<br>Rev. 1                                                                     | Firmed | 4/16/18  | 5 Ea           | 0 Ea              | 5 Ea    | \$618.50/Ea      | \$3,092.50     |
| Line Item Note job# 172599 |                           |                  |         |                                                                                                                             |        |          |                |                   |         |                  |                |
| 10                         | RBW6522A00231-W142S-3TP   |                  |         | Tail Rotor Gear<br>Box/Mast Output<br>Oil Seal Assembly<br>Support Tool<br>As Per Dwg<br>RBW6522A00231-W142S-3T<br>Rev. 2   | Firmed | 4/16/18  | 5 Ea           | 0 Ea              | 5 Ea    | \$195.79/Ea      | \$978.95       |
| Line Item Note job# 172612 |                           |                  |         |                                                                                                                             |        |          |                |                   |         |                  |                |
| 11                         | RBW6522A00231-W142AJ-3TP  |                  |         | Tail Rotor Gear<br>Box/Servo<br>Actuator Oil Seal<br>Fit/Extracting Tool<br>As Per Dwg<br>RBW6522A00231-W142AJ-3T<br>Rev. 5 | Firmed | 4/16/18  | 3 Ea           | 0 Ea              | 3 Ea    | \$2,061.26/Ea    | \$6,183.78     |
| Line Item Note job# 172609 |                           |                  |         |                                                                                                                             |        |          |                |                   |         |                  |                |
| 12                         | RBW6522A00231-W142AK-3TP  |                  |         | Tail Rotor Gear<br>Box/Mast Output<br>Oil Seal Assembly<br>Press Tool<br>As Per Dwg<br>RBW6522A00231-W142AK-3T<br>Rev. 1    | Firmed | 4/16/18  | 5 Ea           | 0 Ea              | 5 Ea    | \$160.76/Ea      | \$803.80       |
| Line Item Note job# 172602 |                           |                  |         |                                                                                                                             |        |          |                |                   |         |                  |                |
| 13                         | RBW6305G16831-3GP         |                  |         | Fan Drive Quill Lip<br>Seal Remover<br>As Per Dwg<br>RBW6305G16831-3G Rev. B                                                | Firmed | 4/16/18  | 3 Ea           | 0 Ea              | 3 Ea    | \$490.83/Ea      | \$1,472.49     |
| Line Item Note job# 172417 |                           |                  |         |                                                                                                                             |        |          |                |                   |         |                  |                |
| 14                         | RBW6305G15731-3GP         |                  |         | Tail Rotor Drive<br>Quill Seal Installer<br>As Per Dwg<br>RBW6305G15731-                                                    | Firmed | 4/16/18  | 3 Ea           | 0 Ea              | 3 Ea    | \$548.02/Ea      | \$1,644.06     |



**ARROW TECH MACHINE WORKS**

## **Certificate of Conformance**

Your Purchase Order No:039084      Dated: 04/24/2018

Our Order / Job No: 23AWT      Order Qty: 5

Part Name: TGB Output Oil Seal Removal and Press Tool

Part Number: RBW6500X01611-W142H-3T

Lot Size:N/A      Ship Date: 04/24/2018

We certify that these parts shipped to you are of domestic or international manufacture and conform to all requirements of the Purchase Order. These parts have been manufactured and inspected in accordance with all required specifications, instructions and drawings. Any applicable specifications are listed below:

Drawing Number: RBW6500X01611-W142H-3T      Rev: 1

Material Size and Type: -1/6061 ALUM.; -3/SP; -5/4140 STEEL

Material Specifications: ALUM. – ASTM B221; STEEL – ASTM A108, ASTM A29

Heat Treatment: N/A

Plating/Finish: BLACK ANODIZE: MIL-A-8625F, TYPE II, CLASS I; BLACK OXIDE: QMSI-6.2.2B.O. REV-D

**Mercury Contamination:** The material used to process this order has not come in contact with mercury or mercury bearing instruments.

Date: 04/24/18

Signed: \_\_\_\_\_

---

**PHGE Machine Works LLC dba Arrow Tech Machine Works**  
**29751 E. Enid Rd. Unit C Eugene, Oregon 97402**  
**Main: (541) 780-6938 | Fax: (458) 215-4938**  
**[www.atechmachineworks.com](http://www.atechmachineworks.com)**